

From: Appel, Patrick
To: Warren, Christy
Cc: vega_eaest.com; Turner, Philip; Coltrain, Katrina
Subject: RE: Wilcox Questions
Date: Tuesday, August 16, 2016 4:40:07 PM
Attachments: [image001.png](#)

Hi Christy –

Please see below in red.

Let me know if you have any questions.
Pat

From: Coltrain, Katrina [<mailto:coltrain.katrina@epa.gov>]
Sent: Tuesday, August 16, 2016 3:12 PM
To: Appel, Patrick <pappel@eaest.com>; Vega, Luis <lvega@eaest.com>
Cc: Warren, Christy <warren.christy@epa.gov>; Turner, Philip <Turner.Phillip@epa.gov>
Subject: FW: Wilcox Questions

Pat/Luis, please respond to Christy's questions. Thanks

The Houston Hex Chromium RL is OK.

Katrina Higgins-Coltrain
Remedial Project Manager
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LA/OK/NM Section (6SF-RL)
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Dallas, Texas 75202
214-665-8143

From: Warren, Christy
Sent: Tuesday, August 16, 2016 1:57 PM
To: Coltrain, Katrina <coltrain.katrina@epa.gov>
Subject: Wilcox Questions

Katrina,

A few questions regarding Wilcox.

1. Air samples that are scheduled to be collected the week of September 12. Could they be collected the week of September 19? Yes, this should not be a problem.
2. On the COC target list for air. You have 3 – Chloropropene. Is that supposed to be 2-Chloropropene? I believe it should be 3-Chloropropene, see clouded area in clipping of screening criteria below (Table B-5, of the SAP). It also appears to have an alias "CAS No. 107-05-1, 3-Chloro-1-propene (Allyl Chloride)"
3. For the Hexavalent Chromium. You have a project screening level listed of 0.035 ug/L. Our current RL is 0.050 ug/L. Is this ok? Yes, per Katrina above.
4. Will the VOA water samples be chemically preserved? Yes

TABLE B-5. SCREENING CRITERIA FOR AIR AND EPA AND PRIVATE LABORATORY REFERENCE LIMITS

Analyte	Analytical Method ⁽¹⁾	Units	CASRN	EPA Indoor Residential Air Screening Level ⁽²⁾	EPA Crawl Space Residential Air Screening Level ⁽³⁾	EPA Sub-Slab Residential Air Screening Level ⁽³⁾	Project Screening Level ⁽⁴⁾	Achievable Laboratory Limits ⁽⁵⁾		Private Laboratory RL for TO-15 SIM
								DL	RL	
Volatile Organic Compounds (VOCs), including Naphthalene										
Acetone	TO-15 SIM/TO-15	µg/m ³	67-64-1	32,000	32,000	1,066,667	32,000	0.109	1.188	1.188
Benzene	TO-15 SIM/TO-15	µg/m ³	71-43-2	0.36	0.36	12	0.36	0.249	0.31947	0.16
Bromodichloromethane	TO-15 SIM/TO-15	µg/m ³	75-27-4	0.076	0.076	3	0.076	0.121	0.670	0.670
Bromoform	TO-15 SIM/TO-15	µg/m ³	75-25-2	2.6	2.6	87	2.6	0.114	1.034	1.034
Bromomethane	TO-15 SIM/TO-15	µg/m ³	74-83-9	5.2	5.2	173	5.2	0.299	1.553	1.553
1,3-Butadiene	TO-15 SIM/TO-15	µg/m ³	106-99-0	0.094	0.094	3	0.094	0.049	0.221	0.221
2-Butanone (Methyl Ethyl Ketone)	TO-15 SIM/TO-15	µg/m ³	78-93-3	5,200	5,200	173,333	5,200	0.147	1.180	1.180
Carbon Disulfide	TO-15 SIM/TO-15	µg/m ³	75-15-0	730	730	24,333	730	0.115	1.557	1.557
Carbon Tetrachloride	TO-15 SIM/TO-15	µg/m ³	56-23-5	0.47	0.47	16	0.47	0.069	0.6292	0.12
Chlorobenzene	TO-15 SIM/TO-15	µg/m ³	108-90-7	52	52	1,733	52	0.041	0.460	0.460
Chloroethane (ethyl chloride)	TO-15 SIM/TO-15	µg/m ³	75-00-3	10,000	10,000	333,333	10,000	0.132	1.31943	0.13
Chloroethene	TO-15 SIM/TO-15	µg/m ³	67-66-3	0.12	0.12	4	0.12	0.054	0.4883	0.01
Chloromethane	TO-15 SIM/TO-15	µg/m ³	74-87-3	94	94	3,133	94	0.114	1.032	0.1
3-Chloropropene	TO-15 SIM/TO-15	µg/m ³	107-05-1	0.47	0.47	16	0.47	0.213	1.565	1.565
alpha-Chlorotoluene	TO-15 SIM/TO-15	µg/m ³	100-44-7	0.057	0.057	2	0.057	0.072	0.518	0.518
Cumene	TO-15 SIM/TO-15	µg/m ³	98-82-8	420	420	14,000	420	0.059	0.492	0.492
Cyclohexane	TO-15 SIM/TO-15	µg/m ³	110-82-7	6,300	6,300	210,000	6,300	0.072	0.344	0.344
Dibromochloromethane	TO-15 SIM/TO-15	µg/m ³	124-48-1	NIS	NIS	NIS	NIS	0.111	0.852	0.852
1,2-Dichlorobenzene	TO-15 SIM/TO-15	µg/m ³	95-50-1	210	210	7,000	210	0.144	0.601	0.601

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